RCM WIPT Overview

Mr. Jason Hamilton, USMC

Topics

- What is RCM?
- What is the RCM WIPT?
- RCM WIPT Involvement
- RCM WIPT Accomplishments
- RCM WIPT Future Goals
- RAM4 Presentations

What is RCM?

Reliability Centered Maintenance -

- RCM is a logical, structured process used to determine the optimal failure management strategies for any system based upon system reliability characteristics and the intended operating context
- RCM defines what must be done for a system to achieve the desired levels of safety, environmental soundness, and operational readiness, at best cost
- RCM is appropriate to be applied continuously throughout the life of any system
- RCM is described in DoD Manual 4151.22-M
- RCM Community Site is on the Defense Acquisition University web site at https://acc.dau.mil/CommunityBrowser.aspx?id=111386

What is the RCM WIPT?

- Working Integrated Product Team reports to CBM+ Action Group (DASD(Mx))
- Services represented by nominated RCM leads

USAF - Angela Anderson	**USMC - Jason Hamilton**	**NAVAIR - Sean Olin**
NAVSEA - Ron Graffius	**USA - Jason Lawler**	

- Quarterly meetings are held to
  - coordinate RCM efforts, where possible
  - promote understanding and knowledge sharing
  - develop cross-service policy, training, and interface capability
  - execute selected projects (DoDM, CLL, etc)

RCM WIPT Involvement

- Customers
  - OSD AT&L
  - OSD LM&R
  - DoN
  - USMC
  - USAF
  - USA
  - USCG
- Stakeholders
  - DAU
  - Material Commands
  - Systems Commands
  - PEOs
  - PMs
  - Contractors
  - DLA
  - Operating Forces
  - Milestone Decision Authority
  - OSD
  - Contracting Officials
  - RCM Advocates

RCM WIPT Accomplishments

- Accomplishments to date
  - Wrote RCM Appendix of DoDI 4151.22 (2007)
  - Wrote DoD RCM Manual DoD 4151.22-M (2011)
  - Created RCM Continuous Learning Module (CLL-030) Fundamentals of RCM (www.dau.mil)
  - Provided RCM presentations to DoD Maintenance Symposium
  - Serve as a single point of focus for cross-service RCM knowledge sharing

RCM WIPT Future Goals

- Ongoing Topics
  - Insert RCM into DoD acquisition process by amending the JCIDS process to specify CBM & RCM as a means to lower lifecycle maintenance cost
  - Continue to serve as a platform for all services to periodically meet to share RCM related experiences and best practices
  - Address potential cross-Service education and outreach issues related to RCM

RAM4 RCM Briefs

- 1200-1330
  - Mr. Marc Borkowski, Director of Maintenance Engineering (NAVSEA 04RM), “RCM Program Management and Education/Certification”
  - Jason Hamilton, Life Cycle Logistics, MARCORSYSCOM, "Marine Corps Systems Command RCM Process Roadmap“
  - Nolan Tallman, AMRDEC, “Aviation System Assessment Program”
- 1400-1530
  - Joe Katz, Product Support, MARCORSYSCOM, "USMC Ground Weapons Systems Lifecycle Reliability and Logistics Engineering Analysis“
  - Peter D’Carlo & Lewis “Quinn” Pesek, Eagle R&M Integrity Section, Warner-Robins ALC, “F-15 MECSIP and RCM Programs”
  - Dave Nelson, Wyle Laboratories, “RCM and Enabling Process Relationships for CBM+ Application”